



2/23  
JTW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln No.: 09/784,158

**Confirmation No. 1544**

Filed: February 16, 2001

**CERTIFICATE OF MAILING**

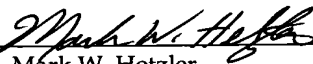
Applicants: Stephan W. WEGERICH et al.

Title: SYSTEM FOR EXTRACTION OF  
REPRESENTATIVE DATA FOR  
TRAINING OF ADAPTIVE  
PROCESS MONITORING  
EQUIPMENT

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Art Unit: 2123

1/31/05  
Date

  
Mark W. Hetzler  
Registration No. 38,183  
Attorney for Applicants

Examiner: Mary C. Hogan

Attorney Docket: 70479 (086470-9013)

Customer No.: 22242

Mail Stop AMENDMENT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT A**

Sir:

In response to the outstanding Office Action mailed July 30, 2004, please amend the above-identified patent application as follows:

**Amendments to the Specification begin on page 3 of this paper.**

**Amendments to the Drawings begin on page 5 of this paper.**

Application No. 09/784,158  
Amendment dated January 31, 2005  
Reply to Office Action of July 30, 2004

**Amendments to the Claims** are reflected in the listing of claims which begin on page 6 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.